

ABSTRACT

There is described an image-capturing apparatus such as a digital camera, an image processing apparatus in which an optimization processing is applied to the digital image data obtained by the image-capturing apparatus to form an output-referred image on the outputting medium, and an image recording apparatus. The image-capturing apparatus includes a scene-referred raw data generating section to generate scene-referred raw data, which directly represent the image while depending on image-capturing characteristics of the apparatus; a reproduction-auxiliary data generating section to generate reproduction-auxiliary data, based on which an image-capturing characteristic compensation processing is to be applied to the scene-referred raw data generated by the scene-referred raw data generating section, so as to generate scene-referred image data in a standardized format from the scene-referred raw data; and a storage controlling section to attach the reproduction-auxiliary data to the scene-referred raw data in order to store both of them into a storage medium.